

REMARKS

This Reply is responsive to a current and Non-final Office Action having a Restriction/Election Requirement that was dated 04/20/2007.

Generally, the current Office Action subjected claims 1-96 to a restriction requirement that identified thirteen (13) Groups I. - XIII. Specifically, the current Office Action restricted the claims as follows:

- Group I: claims 1-18;
- Group II: claims 19-25;
- Group III: claims 26-31;
- Group IV: claims 32-49;
- Group V: claims 50-55;
- Group VI: claims 56-63;
- Group VII: claims 64-66;
- Group VIII: claims 67-69;
- Group IX: claims 70-72;
- Group X: claims 73-77;
- Group XI: claims 78-86;
- Group XII: claims 87-93; and
- Group XIII: claims 94-96.

1 Applicants do not necessarily agree with the Office's characterization of the
2 claims as to groups, claimed subject matters, the accuracy of the asserted
3 subcombinations (usable together in a single combination) relationships, the Office's
4 reasoning for the restriction, and so forth. Nevertheless, Applicants hereby make an
5 election in order to facilitate prosecution of the instant Patent Application and to
6 expedite its ultimate allowance as U.S. Patent.

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8 Applicants hereby elect, with traverse, to prosecute the claims of Group IV
9 (claims 32-49) in the instant Patent Application.

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11 However, Applicants also respectfully request that the claims of Group I
12 (claims 1-18) also remain and be examined in the instant Patent Application. This
13 presents 36 total claims with two independent claims: 1 and 32.

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1 Claim 1 reads:

2 1. (original) One or more processor-accessible media comprising
3 processor-executable instructions that, when executed, direct a device to perform
4 actions comprising:

5 comparing an accuracy indicator to at least one threshold, the accuracy
6 indicator corresponding to a reference macroblock selected for a target
7 macroblock;

8 ascertaining a refinement case from a plurality of refinement cases based
9 on the comparing, each refinement case of the plurality of refinement cases
10 defining a plurality of test points in relation to the reference macroblock; and

11 analyzing the ascertained refinement case with regard to the target
12 macroblock.

13 Claim 32 reads:

14 32. A device comprising:

15 a candidate selector that is capable of accepting a current macroblock,
16 the candidate selector adapted to select a motion vector candidate from a set of
17 motion vector candidates with regard to the current macroblock using an
18 accuracy indicator corresponding to the selected motion vector candidate;

19 a refinement case ascertainment that is capable of accepting the selected
20 motion vector candidate and the accuracy indicator corresponding thereto, the
21 refinement case ascertainment adapted to ascertain a refinement case from among a
22 plurality of refinement cases based on a first threshold and a second threshold
23 and responsive to the accuracy indicator; and

24 a refinement case analyzer that is capable of accepting the ascertained
25 refinement case, the refinement case analyzer adapted to analyze a collection of
points defined by the ascertained refinement case with regard to the current
macroblock to potentially refine the selected motion vector candidate.

1 It is therefore respectfully requested that there is no burden on the Office to
2 examine claims 1-18 with claims 32-49.

3
4 Consequently, claims 19-31 and 50-96 have been canceled. Hence, claims 1-
5 18 and 32-49 continue to be pending and presented for examination.

6
7 Applicants respectfully reserve the right to pursue the subject-matter(s) of the
8 canceled claims in one or more Divisional Patent Applications.

1 CONCLUSION

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3 It is respectfully submitted that all of claims 1-96 are allowable. With

4 claims 1-18 and 32-49 requested to be examined in the instant Patent Application,

5 allowance of claims 1-18 and 32-49 is hereby respectfully requested.

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7 Respectfully Submitted,

8 Date: 31 May 2007 By: / K. W. Saunders /

9 Keith W. Saunders

10 Reg. No. 41,462

11 (509) 324-9256 x238

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